

**UNITED STATES BANKRUPTCY COURT  
NORTHERN DISTRICT OF CALIFORNIA  
SAN FRANCISCO DIVISION**

<b>In re:</b>	<b>Bankruptcy Case</b>
<b>PG&amp;E CORPORATION,</b>	<b>No. 19-30088 (DM)</b>
<b>- and -</b>	
<b>PACIFIC GAS AND ELECTRIC</b>	<b>Chapter 11</b>
<b>COMPANY,</b>	<b>(Lead Case)</b>
<b>Debtors.</b>	<b>(Jointly Administered)</b>

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**CERTIFICATE OF SERVICE**

I, Joseph Ledwin, do declare and state as follows:

1. I am employed at Prime Clerk LLC (“*Prime Clerk*”), the claims and noticing agent for the debtors in the above-referenced chapter 11 bankruptcy cases.

2. On June 25, 2021, at my direction and under my supervision, employees of Prime Clerk caused the following documents to be served by the method set forth on the Master Service List attached hereto as **Exhibit A**:

- Order Disallowing and Expunging Proofs of Claim Pursuant to Reorganized Debtors' Fourth Securities Claims Omnibus Objection (Securities Acquired Outside Subject Period) [Docket No. 10856] (“*Fourth Securities Omnibus Order*”)
- Order Disallowing and Expunging Proofs of Claim Pursuant to Reorganized Debtors' Fifth Securities Claims Omnibus Objection (No Loss Causation - Securities Sold Prior to the First Purported "Corrective Disclosure") [Docket No. 10857] (“*Fifth Securities Omnibus Order*”)

3. On June 25, 2021, at my direction and under my supervision, employees of Prime Clerk caused the Fourth Securities Omnibus Order to be served by the method set forth on the Fourth Securities Order Service List attached hereto as **Exhibit B**.

4. On June 25, 2021, at my direction and under my supervision, employees of Prime Clerk caused the Fifth Securities Omnibus Order to be served by the method set forth on the Fifth Securities Order Service List attached hereto as **Exhibit C**.

5. I have reviewed the Notices of Electronic Filing for the above-listed document, and I understand that parties listed in each NEF as having received notice through electronic mail were electronically served with that document through the Court's Electronic Case Filing system.

6. I declare under penalty of perjury under the laws of the United States of America, that the foregoing is true and correct and that if called upon as a witness, I could and would competently testify thereto.

Executed this 30<sup>th</sup> day of June 2021, at New York, NY.

*/s/ Joseph Ledwin*

---

Joseph Ledwin

## **Exhibit A**

Exhibit A  
Master Service List  
Served as set forth below

DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
Counsel to ADVENTIST HEALTHSYSTEM/WEST, a California non-profit religious corporation	Adventist Health System/West	ATTN: ROBERT L. LAYTON ONE Adventist Health Way Roseville CA 95661	laytonr1@ah.org	Email
Counsel to TRANSWESTERN PIPELINE COMPANY, LLC	Akerman LLP	Attn: YELENA ARCHIYAN 2001 Ross Avenue, Suite 3600 Dallas TX 75201		First Class Mail
Counsel to the Ad Hoc Committee of Senior Unsecured Noteholders of Pacific Gas and Electric Company	Akin Gump Strauss Hauer & Feld LLP	Attn: Michael S. Stamer, Ira S. Dizengoff, David H. Botter One Bryant Park New York NY 10036	mstamer@akingump.com idizengoff@akingump.com dbotter@akingump.com	Email
Counsel for BOKF, NA, solely in its capacity as Indenture Trustee	Arent Fox LLP	Attn: Andrew I. Silfen, Beth M. Brownstein 1301 Avenue of the Americas 42nd Floor New York NY 10019	Beth.Brownstein@arentfox.com	Email
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Counsel for BOKF, NA, solely in its capacity as Indenture Trustee	Arent Fox LLP	Attn: Aram Ordubegian 555 West Fifth Street 48th Floor Los Angeles CA 90013-1065	Aram.Ordubegian@arentfox.com	Email
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Counsel to California State Agencies	Attorney General of California	Attn: XAVIER BECERRA, MARGARITA PADILLA, and JAMES POTTER 1515 Clay Street, 20th Floor P.O. Box 70550 Oakland CA 94612-0550	James.Potter@doj.ca.gov	Email
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Exhibit A  
Master Service List  
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DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
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Counsel for Phillips and Jordan	Baker, Donelson, Bearman, Caldwell & Berkowitz, P.C.	Attn: John H. Rowland 211 Commerce Street Suite 800 Nashville TN 37201	jrowland@bakerdonelson.com	Email
URENCO Limited and Louisiana Energy Services, LLC	Ballard Spahr LLP	Attn: Matthew G. Summers 919 North Market Street 11th Floor Wilmington DE 19801	summersm@ballardspahr.com	Email
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Counsel for Creditors Public Entities Impacted by the Wildfires	Baron & Budd, P.C.	Attn: Scott Summy, John Fiske 3102 Oak Lawn Avenue #1100 Dallas TX 75219	ssummy@baronbudd.com jfiske@baronbudd.com	Email
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DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
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Counsel for Fire Victim Creditors	Corey, Luzaich, De Ghetaldi & Riddle LLP	Attn: Dario de Ghetaldi, Amanda L. Riddle, Steven M. Berki, Sumble Manzoor 700 El Camino Real PO Box 669 Millbrae CA 94030-0669	alr@coreylaw.com smb@coreylaw.com sm@coreylaw.com	Email

Exhibit A  
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DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
appointed by the California Superior Court in the North Bay Fire Cases, Judicial Council Coordination Proceeding Number 4955, Pursuant to the terms of the Court's Case Management Order No. 1	Cotchett, Pitre & McCarthy, LLP	Attn: Frank M. Pitre, Alison E. Cordova San Francisco Airport Office Center 840 Malcolm Road, Suite 200 Burlingame CA 94010	fpitre@cpmlegal.com	Email
Counsel for Valley Clean Energy Alliance	County of Yolo	Attn: Eric May 625 Court Street Room 201 Woodland CA 95695	eric.may@yolocounty.org	Email
Counsel to Liberty Mutual Insurance Company	Cozen O'Connor	Attn: Joe Ziemianski 101 Montgomery Street Suite 1400 San Francisco CA 94101	JZiemianski@cozen.com	Email
Counsel for Fire Victim Creditors	Danko Meredith	Attn: Michael S. Danko, Kristine K. Meredith, Shawn R. Miller 333 Twin Dolphin Drive Suite 145 Redwood Shores CA 94065	mdanko@dankolaw.com kmeredith@dankolaw.com smiller@dankolaw.com	Email
Counsel for the agent under the Debtors' proposed debtor in possession financing facilities, Counsel for Citibank N.A., as Administrative Agent for the Utility Revolving Credit Facility	Davis Polk & Wardwell LLP	Attn: Eli J. Vonnegut, David Schiff, Timothy Graulich 450 Lexington Avenue New York NY 10017	eli.vonnegut@davispolk.com david.schiff@davispolk.com timothy.graulich@davispolk.com	Email
Creditor and Counsel to Debra Grassgreen	Debra Grassgreen	Attn: Karl Knight 1339 Pearl Street Suite 201 Napa CA 94558	dgrassgreen@gmail.com	Email
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Counsel for Capital Power Corporation and Halkirk I Wind Project LP	Dentons US LLP	Attn: Oscar N. Pinkas 1221 Avenue of the Americas New York NY 10020-1089		First Class Mail
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Counsel for the Ad Hoc Committee of Unsecured Tort Claimant Creditors	Dla Piper LLP (Us)	Attn: Eric Goldberg and David Riley 2000 Avenue of the Stars Suite 400 North Tower Los Angeles CA 90067-4704	eric.goldberg@dlapiper.com	Email
Counsel for East Bay Community Energy Authority	East Bay Community Energy Authority	Attn: Leah S. Goldberg 1999 Harrison Street Suite 800 Oakland CA 94612	lgoldberg@ebce.org	First Class Mail

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DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
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Information Agent for the Official Committee of Unsecured Creditors, and the Official Committee of Tort Claimants	Epiq Corporate Restructuring, LLC	Attn: PG&E UCC and PG&E TCC 777 Third Avenue, 12th Floor New York NY 10017	sgarabato@epiqglobal.com	Email
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Counsel for Fire Victim Creditors	Gibbs Law Group	Attn: Eric Gibbs, Dylan Hughes 505 14th Street, Suite 1110 Oakland CA 94612	ehg@classlawgroup.com dsh@classlawgroup.com	Email
Counsel for Topaz Solar Farms LLC	Gibson, Dunn & Crutcher LLP	Attn: Michael A. Rosenthal, Alan Moskowitz 200 Park Avenue New York NY 10166-0193	Mrosenthal@gibsondunn.com Amoskowitz@gibsondunn.com	Email
Counsel to the Ad Hoc Committee of Holders of Trade Claims	Gibson, Dunn & Crutcher LLP	Attn: Michael S. Neumeister and Michelle Choi 333 South Grand Avenue Los Angeles CA 90071-3197	mchoi@gibsondunn.com	Email
Counsel for MassMutual Life Insurance Company and Its Funds	Goodwin Procter LLP	Attn: Kizzy L. Jarashow, Stacy Dasaro 620 Eighth Avenue New York NY 10018	sdasaro@goodwinlaw.com	Email



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DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
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Counsel to Interested Party John K. Trotter, Trustee of the PG&E Fire Victim Trust	Greenberg Gross LLP	Attn: Sarah Kelly-Kilgore 601 S. Figueroa Street, 30th Floor Los Angeles CA 90017	SKellyKilgore@GGTrialLaw.com	Email
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Counsel for Nationwide Entities	Grotefeld Hoffmann	Attn: Mark S. Grotefeld, Maura Walsh Ochoa, Waylon J. Pickett 700 Larkspur Landing Circle, Suite 280 Larkspur CA 94939	mgrotefeld@ghlaw-llp.com mochoa@ghlaw-llp.com wpickett@ghlaw-llp.com	Email
Counsel to Creditors KAREN ROBERDS and ANITA FREEMAN	Hallisey And Johnson PC	Attn: Jeremiah F. Hallisay, Esq. 465 California St., Ste. 405 San Francisco CA 94104	jfhallisey@gmail.com	Email
Attorneys for Certain Kincade (2019) claimants	Hansen&Miller Law Firm	Attn: Roy E. Miller 415 Russell Ave. Santa Rosa CA 95403	roy@hansenmiller.com	Email
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Counsel to Anthony Gantner	Hausfeld LLP	Attn: Bonny E. Sweeney, Seth R. Gassman 600 Montgomery Street, Suite 3200 San Francisco CA 94111	bsweeney@hausfeld.com sgassman@hausfeld.com	Email
Attorneys for HercRentals	Hercrentals	Attn: Sharon Petrosino, Esq. 27500 Riverview Center Blvd. Bonita Springs FL 34134	Sharon.petrosino@hercrentals.com	Email
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DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
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Counsel to Hyundai Corporation USA	Hughes Hubbard & Reed LLP	Attn: Kathryn A. Coleman One Battery Park Plaza New York NY 10004	katie.coleman@hugheshubbard.com	Email
Cogeneration Company, LLC f/k/a Mt. Poso Cogeneration Company, L.P., Potrero Hills Energy Producers, LLC, Sunshine Gas Producers, LLC, Woodland Biomass Power, LLC f/k/a Woodland	Hunton Andrews Kurth LLP	Attn: Kevin M. Eckhardt 50 California Street Suite 1700 San Francisco CA 94111		First Class Mail
Cogeneration Company, LLC f/k/a Mt. Poso Cogeneration Company, L.P., Potrero Hills Energy Producers, LLC, Sunshine Gas Producers, LLC, Woodland Biomass Power, LLC f/k/a Woodland	Hunton Andrews Kurth LLP	Attn: Peter S. Partee, Sr. 200 Park Avenue 53rd Floor New York NY 10166	ppartee@huntonak.com	Email
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Counsel for BlueMountain Capital Management, LLC	Irell & Manella LLP	Attn: Craig Varnen, Andrew J. Strabone 1800 Avenue of the Stars Suite 900 Los Angeles CA 90067-4276	astrabone@irell.com	Email
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Interested Party CH2M HILL Engineers, Inc.	Jacobs Engineering	Attn: Robert Alberty Associate General Counsel 9191 South Jamaica Street Englewood CO 80112	robert.alberty@jacobs.com	Email
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DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
Interested Party John A. Vos A	John A. Vos	1430 Lincoln Avenue San Rafael CA 94901		First Class Mail
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DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
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Creditor and Counsel to Debra Grassgreen	Law Offices of Thomas J. Brandi	Attn: Thomas J. Brandi 345 Pine Street 3rd Floor San Francisco CA 94104	tjb@brandilaw.com	Email

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DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
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Counsel to Quanta Energy Services, Inc., Underground Construction Co., Inc., Mears Group, Inc., Dashiell Corporation, Quanta Technology LLC, and PAR Electrical Contractors	Locke Lord LLP	Attn: Kinga L. Wright 101 Montgomery Street, Suite 1950 San Francisco CA 94104		First Class Mail
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Counsel for California Power Exchange Corporation	Loeb & Loeb LLP	Attn: Marc S. Cohen, Alicia Clough 10100 Santa Monica Blvd Suite 2200 Los Angeles CA 90067	mcohen@loeb.com	Email
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Interested Party	Macdonald   Fernandez LLP	Attn: Iain A. Macdonald 221 Sansome Street Third Floor San Francisco CA 94104-2323	imac@macfern.com	Email
Counsel to Aegion Corporation and its subsidiary entities: Corpro Companies, Inc., Insituform Technologies, LLC and Fibrwrap Construction Services, Inc.	Margulies Faith, LLP	ATTN: CRAIG G. MARGULIES 16030 VENTURA BOULEVARD SUTIE 470 ENCINO CA 91436	Craig@MarguliesFaithLaw.com	Email
Counsel to SLF Fire Victim Claimants	Marshack Hays LLP	Attn: RICHARD A. MARSHACK, DAVID A. WOOD, LAILA MASUD 870 Roosevelt Irvine CA 92620	dwood@marshackhays.com	Email
Counsel for Ghost Ship Warehouse Plaintiffs' Executive Committee	Mary Alexander & Associates, P.C.	Attn: Mary E. Alexander 44 Montgomery Street, Suite 1303 San Francisco CA 94104	malexander@maryalexanderlaw.com	Email
Counsel to BNP Paribas	Mayer Brown LLP	Attn: Ankur Mandhanian 575 Market St. Suite 2500 San Francisco CA 94105-3670	amandhanian@mayerbrown.com	Email

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Counsel to Davey Tree Expert Company, Davey Tree Surgery Company, and Davey Resource Group, Inc.	Mcdermott Will & Emery LLP	Attn: Jeffrey M. Reisner 2049 Century Park East, Suite 3200 Los Angeles CA 90067-3206		First Class Mail
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Counsel for CALIFORNIA SELF-INSURERS' SECURITY FUND	Nixon Peabody LLP	Attn: RICHARD C. PEDONE Exchange Place 53 State Street Boston MA 02109	rpedone@nixonpeabody.com	Email
Catherine McClure, Tonia Hanson, Deirdre Coderre, Denise Stooksberry, John Stooksberry, Bryan Sullivan, Sara Hill, Isaiah Vera, Michael Williams, Joel Batts, Annaleisa Batts, Claudia Bijstra, Andries	Northern California Law Group, Pc	Attn: Joseph Feist 2611 Esplanade Chico CA 95973	joe@norcallawgroup.net	Email

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DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
Counsel to ADVENTIST HEALTHSYSTEM/WEST, a California non-profit religious corporation	Norton Rose Fulbright US LLP	ATTN: DAVID A. ROSENZWEIG 1301 Avenue of the Americas, Floor 2945 New York NY 10019-6022	david.rosenzweig@nortonrosefulbright.com	Email
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Counsel to Department of Finance for the State of California and Governor Gavin Newsom	O'Melveny & Myers LLP	Attn: John J. Rapisardi, Nancy A. Mitchell and Daniel S. Shamah 7 Times Square New York NY 10036	jrapisardi@omm.com dshamah@omm.com	Email
Office of the California Attorney General	Office of The California Attorney General	Attn: Bankruptcy Dept P.O. Box 944255 Sacramento CA 94244-2550	bankruptcy@coag.gov	Email
Office of the United States Attorney for the Northern District of California	Office of The United States Attorney For The Northern District of California	Attn: Bankruptcy Unit Federal Courthouse 450 Golden Gate Avenue San Francisco CA 94102		First Class Mail
Office of the United States Trustee	Office of The United States Trustee	Attn: James L. Snyder, Esq. & Timothy Lafreddi, Esq., Marta E. Villacorta 450 Golden Gate Ave Suite 05-0153 San Francisco CA 94102	James.L.Snyder@usdoj.gov	Email
Counsel for EDP Renewables North America LLC, Rising Tree Wind Farm II LLC, and Arlington Wind Power Project LLC	Orrick, Herrington & Sutcliffe LLP	Attn: Debra Felder 1152 15th Street, NW Washington DC 20005	dfelder@orrick.com	Email
Counsel to Centerbridge Partners, L.P.	Orrick, Herrington & Sutcliffe LLP	Attn: Douglas S. Mintz Columbia Center 1152 15th Street, N.W. Washington DC 20005-1706		First Class Mail
Counsel for EDP Renewables North America LLC, Rising Tree Wind Farm II LLC, and Arlington Wind Power Project LLC	Orrick, Herrington & Sutcliffe LLP	Attn: Lorraine McGowen 51 West 52nd Street New York NY 10019	lmcgowen@orrick.com	Email
Counsel for The Baupost Group, L.L.C., as the general partner and investment manager for certain entities	Pachulski Stang Ziehl & Jones LLP	Attn: Isaac M. Pachulski, Debra I. Grassgreen, Gabriel I. Glazer, John W. Lucas 150 California Street 15th Floor San Francisco CA 94111	ipachulski@pszjlaw.com	Email
Counsel to Southwire Company LLC	Parker, Hudson, Rainer & Dobbs, LLP	Attn: Bryan E. Bates, Esq. 303 Peachtree St., NE, Suite 5300 Atlanta GA 30308	bbates@phrd.com	Email
Counsel to Southwire Company, LLC	Parker, Hudson, Rainer & Dobbs, LLP	Attn: Bryan E. Bates, Esq. 303 Peachtree Street, Suite 3600 Atlanta GA 30308	bbates@phrd.com	Email

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DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
Counsel to California Public Utilities Commission	Paul, Weiss, Rifkind, Wharton & Garrison LLP	Attn: Alan W. Kornberg, Brian S. Hermann, Walter R. Rieman, Sean A. Mitchell, Neal P. Donnelly 1285 Avenue of the Americas New York NY 10019-6064	bhermann@paulweiss.com wrieman@paulweiss.com smitchell@paulweiss.com ndonnelly@paulweiss.com	Email
Attorney for Certain Camp Fire Claimants and as Ad Hoc Counsel for Camp Fire Real Property Owners	Peluso Law Group, Pc	Attn: Larry A. Peluso P.O. Box 7620 Incline Village NV 89450	firm@pelusolaw.net	Email
Counsel to Consolidated Edison Development, Inc.	Pillsbury Winthrop Shaw Pittman LLP	ATTN: HUGH M. MCDONALD 31 West 52nd Street New York NY 10019-6131	hugh.mcdonald@pillsburylaw.com	Email
Counsel to Consolidated Edison Development, Inc.	Pillsbury Winthrop Shaw Pittman LLP	ATTN: JONATHAN DOOLITTLE Four Embarcadero Center, 22nd Floor San Francisco CA 94111-5998	jonathan.doolittle@pillsburylaw.com	Email
Counsel for Bank of America, N.A.	Pillsbury Winthrop Shaw Pittman LLP	Attn: Leo T. Crowley 1540 Broadway New York NY 10036	leo.crowley@pillsburylaw.com	Email
Interested Party Placer County Office of the Treasurer-Tax Collector	Placer County Office of the Treasurer-Tax Collector	Attn: Robert Kanngiesser 2976 Richardson Drive Auburn CA 95603		First Class Mail
Counsel for Ad Hoc Group of Institutional Par Bondholders of Pacific Gas and Electric Co.	Proskauer Rose LLP	Attn: Martin J. Bienenstock, Brian S. Rosen, Maja Zerjal Eleven Times Square New York NY 10036-8299	mbienenstock@proskauer.com brosen@proskauer.com mzerjal@proskauer.com	Email
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appointed by the California Superior Court in the North Bay Fire Cases, Judicial Council Coordination Proceeding Number 4955, Pursuant to the terms of the Court's Case Management Order No. 1	Robins Cloud LLP	Attn: Bill Robins, III, Robert Bryson 650 California Street Site 450 Santa Monica CA 90401	robins@robinscloud.com rbryson@robinscloud.com	Email
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Energy Group LLC, Clearway Energy, Inc., MC Shiloh IV Holdings LLC, NRG Energy, Inc., Solar Partners II LLC, Solar Partners VIII LLC, and TerraForm Power, Inc.	Shearman & Sterling LLP	Attn: Daniel Laguardia 535 Mission Street 25th Floor San Francisco CA 94105	daniel.laguardia@shearman.com	Email
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Counsel to Davey Tree Expert Company, Davey Tree Surgery Company, and Davey Resource Group, Inc.	Steptoe & Johnson LLP	Attn: Jeffrey M. Reisner & Kerri A. Lyman 633 West Fifth Street, Suite 1900 Los Angeles CA 90071	jreisner@steptoe.com klyman@steptoe.com	First Class Mail and Email
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Counsel for Creditors Public Entities Impacted by the Wildfires	Stutzman, Bromberg, Esserman & Plifka, P.C.	Attn: Sander L. Esserman, Cliff I. Taylor 2323 Bryan Street Suite 2200 Dallas TX 5201-2689	esserman@sbep-law.com	Email
Counsel for BrightView Enterprise Solutions, LLC, Counsel for Granite Construction Incorporated, BrightView Landscape Services, Inc.	Taylor English Duma LLP	Attn: John W. Mills, III 1600 Parkwood Circle Suite 200 Atlanta GA 30339	jmills@taylorenglish.com	Email
Counsel for The Davey Tree Expert Company	The Davey Tree Expert Company	Attn: Erika J. Schoenberger, General Counsel 1500 N. Mantua Street Kent OH 44240	Erika.Schoenberger@davey.com	Email
Counsel to International Church of the Foursquare Gospel	The Law Office of Joseph West	Attn: Joseph West Esq. 575 E. Locust Ave., Suite 120 Fresno CA 93720	josephwest@westlawfirmofcalifornia.com	Email
ATTORNEYS FOR ZACKARY FERNANDEZ, Individually, and as Successor in Interest to, JESUS PEDRO FERNANDEZ, Deceased	The Veen Firm, P.C.	Attn: Elinor Leary, Brian Gregory 20 Haight Street San Francisco CA 94102	b.gregory@veenfirm.com	Email
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Attorneys for Objector Patricia Garrison	Tosdal Law Firm	Attn: Thomas Tosdal 777 S. Highway 101, Ste. 215 Solana Beach CA 92075	tom@tosdallaw.com	Email
Counsel for Consolidated Edison Development Inc.	Troutman Pepper Hamilton Sanders LLP	Attn: Gabriel Ozel, Jared D. Bissell 11682 El Camino Real, Suite 400 San Diego CA 92130-2092		First Class Mail
Counsel for Southern Power Company and Osmose Utilities Services, Inc.	Troutman Sanders LLP	Attn: Harris B. Winsberg 600 Peachtree St. NE Suite 3000 Atlanta GA 30308	harris.winsberg@troutman.com	Email
Counsel to Southern Power Company, Consolidated Edison Development, Inc.	Troutman Sanders LLP	Attn: Marcus T. Hall 3 Embarcadero Center Suite 800 San Francisco CA 94111	marcus.hall@troutman.com	Email
Nuclear Regulatory Commission	U.S. Nuclear Regulatory Commission	Attn: General Counsel U.S. NRC Region IV 1600 E. Lamar Blvd. Arlington TX 76011		First Class Mail
Nuclear Regulatory Commission	U.S. Nuclear Regulatory Commission	Attn: General Counsel Washington DC 20555-0001		First Class Mail

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DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
Interested Party	Union Pacific Railroad Company	Attn: Tonya W. Conley, Lila L. Howe 1400 Douglas Street STOP 1580 Omaha NE 68179	bankruptcynotices@up.com	Email
Unsecured Creditor Claim No. 7072	Unsecured Creditor Claim No. 7072	Attn: John Ramirez, Marta Ramirez 38006 Pueblo Road Hinkley CA 92347		First Class Mail
Unsecured Creditor Claim No. 7083	Unsecured Creditor Claim No. 7083	Attn: Aurang Zaib Khan, Halima Zahib 1969 East Cooley Ave. San Bernardino CA 92408		First Class Mail
Unsecured Creditor Claim No. 7167	Unsecured Creditor Claim No. 7167	Attn: Ken Nitao 244 S. Citrus Avenue Alhambra CA 91801		First Class Mail
Unsecured Creditor Claim No. 7168	Unsecured Creditor Claim No. 7168	Attn: Robert Miller, Donna Learmont 37241 Sycamore Street Hinkley CA 92347		First Class Mail
Unsecured Creditor Claim No. 7171	Unsecured Creditor Claim No. 7171	Attn: Shirley Holcroft, Sam Cabrera P.O. Box HD Barstow CA 92311		First Class Mail
Unsecured Creditor Claim No. 7175	Unsecured Creditor Claim No. 7175	Attn: Andrea Williams, Dan S. Williams 36796 Hillview Road Hinkley CA 92347		First Class Mail
Unsecured Creditor Claim No. 7176	Unsecured Creditor Claim No. 7176	Attn: Keith Hawes P.O. Box 376 Hinkley CA 92347		First Class Mail
Unsecured Creditor Claim No. 7180	Unsecured Creditor Claim No. 7180	Attn: Oscar Urbina 3617 Slauson Ave. Maywood CA 90270		First Class Mail
Unsecured Creditor Claim No. 7183	Unsecured Creditor Claim No. 7183	Attn: Martin Garza, Lynette Brown P.O. Box 344 Hinkley CA 92347		First Class Mail
Unsecured Creditor Claim No. 7199	Unsecured Creditor Claim No. 7199	Attn: Carolyn Bolin, William Bolin 36310 Lenwood Road Hinkley CA 92347		First Class Mail
Unsecured Creditor Claim No. 7200	Unsecured Creditor Claim No. 7200	Attn: Sandra L. Brown P.O. Box 192 Hinkley CA 92347		First Class Mail

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DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
Unsecured Creditor Claim No. 7201	Unsecured Creditor Claim No. 7201	Attn: Barbara A. Vinson, Lloyd K. Vinson 3220 Cindy Circle Anderson CA 96007		First Class Mail
Unsecured Creditor Claim No. 7226	Unsecured Creditor Claim No. 7226	Attn: Rosaiba Hernandez 18284 Pacific Street Hesperia CA 92345		First Class Mail
Unsecured Creditor Claim No. 7229	Unsecured Creditor Claim No. 7229	Attn: David Matthiesen, Candace Matthiesen 36709 Hidden River Road Hinkley CA 92347		First Class Mail
Unsecured Creditor Claim No. 7244	Unsecured Creditor Claim No. 7244	Attn: Agustin Carrera, Maritza Carrera 886 Gina Ct. Upland CA 91784		First Class Mail
Unsecured Creditor Claim No. 7244	Unsecured Creditor Claim No. 7244	Attn: Aquilla Frederick 20455 Halstead Road Hinkley CA 92347		First Class Mail
Unsecured Creditor Claim No. 7264	Unsecured Creditor Claim No. 7264	Attn: Darlene Herring Jenkins P.O. Box 376 Hinkley CA 92347		First Class Mail
Unsecured Creditor Claim No. 7301	Unsecured Creditor Claim No. 7301	Attn: Marina Riebeling, Adolfo Riebeling 4600 Jerry Ave. Baldwin Park CA 91706		First Class Mail
Unsecured Creditor Claim No. 7585	Unsecured Creditor Claim No. 7585	Attn: Clell Courtney, Hennie Courtney 25595 Ash Road Barstow CA 92311		First Class Mail
Unsecured Creditor Claim No. 7591	Unsecured Creditor Claim No. 7591	Attn: Cindy Sue Downing P.O. Box 376 Hinkley CA 92347		First Class Mail
Unsecured Creditor Claim No. 7657	Unsecured Creditor Claim No. 7657	Attn: Joel A. Christison P.O. Box 9048 Alta Loma CA 91701		First Class Mail
Unsecured Creditor Claim No. 7704	Unsecured Creditor Claim No. 7704	Attn: Nick Panchev 25633 Anderson Avenue Barstow CA 92311		First Class Mail
Unsecured Creditor Claim No. 8273	Unsecured Creditor Claim No. 8273	Attn: Charles Matthiesen, Matsue Matthiesen 36771 Hidden River Rd. Hinkley CA 92347		First Class Mail

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DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
Unsecured Creditor Claim No. 8274	Unsecured Creditor Claim No. 8274	Attn: Juliana Martinez, Manuel Martinez 36633 Hidden River Road Hinkley CA 92347		First Class Mail
Unsecured Creditor Claim No. 8274	Unsecured Creditor Claim No. 8274	Attn: Norman Halstead 20455 Halstead Road Hinkley CA 92347		First Class Mail
Unsecured Creditor Claim No. 8278	Unsecured Creditor Claim No. 8278	Attn: Kimberly Blowney 36816 Hillview Road Hinkley CA 92347		First Class Mail
Unsecured Creditor Claim No. 8283	Unsecured Creditor Claim No. 8283	Attn: Saray Ordaz, Victor Suarez 1042 E. Sandison St. Apt. 1 Wilmington CA 90744		First Class Mail
Unsecured Creditor Claim No. Pending	Unsecured Creditor Claim No. Pending	Attn: Yvonne Kirkpatrick, Herbert Nethery 23394 Alcudia Rd. Hinkley CA 92347		First Class Mail
US Securities and Exchange Commission	Us Securities And Exchange Commission	Attn: Jina Choi, Regional Director San Francisco Regional Office 44 Montgomery Street, Suite 2800 San Francisco CA 94104	sanfrancisco@sec.gov	Email
US Securities and Exchange Commission	Us Securities And Exchange Commission	Attn: Office of General Counsel 100 F St. NE MS 6041B Washington DC 20549	secbankruptcy@sec.gov	Email
Counsel for Interstate Fire & Casualty Company	Vedder Price Ca LLP	Attn: Scott H. Olson 275 Battery Street, Suite 2464 San Francisco CA 94111	solson@vedderprice.com	Email
Counsel to Public Employees Retirement Association of New Mexico	Wagstaffe, Von Loewenfeldt, Busch & Radwick, LLP	Attn: James M. Wagstaffe & Frank Busch 100 Pine Street Suite 725 San Francisco CA 94111	wagstaffe@wvbrlaw.com busch@wvbrlaw.com	Email
appointed by the California Superior Court in the North Bay Fire Cases, Judicial Council Coordination Proceeding Number 4955, Pursuant to the terms of the Court's Case Management Order No. 1	Walkup Melodia Kelly & Schoenberger	Attn: Michael A. Kelly, Khaldoun A. Baghdadi, Max Schuver 650 California Street 26th Floor San Francisco CA 94108	mkelly@walkuplawoffice.com kbaghdadi@walkuplawoffice.com mschuver@walkuplawoffice.com	Email
Counsel for Aera Energy LLC, Midway Sunset Congeneration Company	Walter Wilhelm Law Group A Professional Corporation	Attn: Riley C. Walter, Michael L. Wilhelm 205 E. River Park Circle Suite 410 Fresno CA 93720	rileywalter@W2LG.com Mwilhelm@W2LG.com	Email
Counsel for Engineers and Scientists of California, Local 20, IFPTE, Counsel for SEIU United Service Workers - West	Weinberg Roger & Rosenfeld	Attn: Emily P. Rich 1001 Marina Village Parkway Suite 200 Alameda CA 94501-1091	cgray@unioncounsel.net	Email

Exhibit A  
Master Service List  
Served as set forth below

DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
Counsel for Sempra Energy, San Diego Gas & Electric Company, and Southern California Gas Company	White & Case LLP	Attn: J.Christopher Shore 1221 Avenue of the Americas New York NY 10020-1095	cshore@whitecase.com	Email
Counsel for Sempra Energy, San Diego Gas & Electric Company, and Southern California Gas Company	White & Case LLP	Attn: Thomas E Lauria, Matthew C. Brown Southeast Financial Center 200 South Biscayne Boulevard, Suite 4900 Miami FL 33131-2352	tlauria@whitecase.com mbrown@whitecase.com	Email
Counsel for Ballard Marine Construction, Inc.	Williams Kastner	Attn: Todd W. Blischke 601 Union Street Suite 4100 Seattle WA 98101-2380		First Class Mail
Counsel to Subrogation Trust Advisory Board	Willkie Farr & Gallagher LLP	Attn: Alexander L. Cheney One Front Street San Francisco CA 94111	acheney@willkie.com	Email
Counsel to Subrogation Trust Advisory Board	Willkie Farr & Gallagher LLP	Attn: Benjamin P. McCallen, Daniel Forman, Charles D. Cording 787 Seventh Avenue New York NY 10019	bmccallen@willkie.com dforman@willkie.com ccording@willkie.com	Email
Counsel for Macquarie Energy LLC	Winston & Strawn LLP	Attn: Michael A. Yuffee 1901 L Street NW Washington DC 20036	myuffee@winston.com	First Class Mail
Counsel to Subrogation Wildfire Trust	Young Conaway Stargatt & Taylor, LLP	Attn: Edwin J. Harron, Sara Beth A.R. Kohut Rodney Square, 1000 North King Street Wilmington DE 19801	eharron@ycst.com skohut@ycst.com	Email
Counsel to Plaintiffs Santiago Gatto and Anastasia Tkai	Young Ward & Lothert, A Professional Law Corporation	Attn: Scott Ward, Esq. 995 Morning Star Dr., Suite C Sonora CA 95370-5192	info@youngwardlothert.com	Email



**Exhibit B**

Exhibit B  
Fourth Securities Order Service List  
Served as set forth below

MMUID	NAME	ADDRESS1	ADDRESS2	ADDRESS3	ADDRESS4	CITY	STATE	POSTAL CODE	EMAIL	METHOD OF SERVICE
7903536	Aetna Health and Life Insurance Company (Connecticut)	Aetna Life Insurance Company	Attn: Michael Greene RTAA	151 Farmington Avenue		Hartford	CT	06156	GreeneM2@Aetna.com	First Class Mail and Email
7903375	Aetna Life Insurance Company (Separate Account 138)	Aetna Life Insurance Company	Attn: Michael Greene RTAA	151 Farmington Avenue		Hartford	CT	06156	GreeneM2@Aetna.com	First Class Mail and Email
7855236	ANNIE SONNEBERG & MANFRIED SONNEBERG JT TEN	2621 PALISADE AVE				BRONX	NY	10463-6106		First Class Mail
7907126	CARLSON, DAVID	131 CARLA LN				WEST SENECA	NY	14224	dcarlson14075@yahoo.com	First Class Mail and Email
7899947	Charles Schwab TR	FBO Bruce Fraser IRA	9/9/2016	325 Maverick Ct.		Lafayette	CA	94549-1811	bpf42@yahoo.com	First Class Mail and Email
7332754	Clayton, Warren T	Zunyi Yang Clayton	1212 Kelley Ct			Pinole	CA	94564-2508	Warrentclayton@yahoo.com	First Class Mail and Email
7919527	Cofano, Brenda	Susan J. Cofano, Esq. [SBN 149921]	574 Cobble Drive			Montrose	CO	81403	brendacofano@gmail.com	First Class Mail and Email
7919527	Cofano, Brenda	Susan J. Cofano, Esq. [SBN 149921]	LAW OFFICES OF SUSAN J. COFANO	574 Cobble Drive		Montrose	CO	81403	susan@LOSJC-law.com	First Class Mail and Email
7970723	Dalin, Ralph & Hedy	4955 Riding Ridge Rd				San Diego	CA	92130		First Class Mail
7908463	DRRT FBO INTERNATIONALE KAPITALANLAGEGESELLSCHAFT MBH (JOVI)	340 WEST FLAGLER STREET	SUITE 201			MIAMI	FL	33130	PPMCLAIMS@DRRT.COM	First Class Mail and Email
7909053	DRRT FBO INTERNATIONALE KAPITALANLAGEGESELLSCHAFT MBH (LINDI A+R)	340 WEST FLAGLER STREET	SUITE 201			Miami	FL	33130	ppmclaims@drdt.com	First Class Mail and Email
7908510	DRRT FBO INTERNATIONALE KAPITALANLAGEGESELLSCHAFT MBH (LINVEST I)	340 West Flagler Street	Suite 201			Miami	FL	33130	ppmclaims@drdt.com	First Class Mail and Email
7908447	DRRT FBO INTERNATIONALE KAPITALANLAGEGESELLSCHAFT MBH (PAR)	340 WEST FLAGLER STREET	SUITE 201			MIAMI	FL	33130	ppmclaims@drdt.com	First Class Mail and Email
7899610	DRRT FBO KAISER PERMANENTE	340 WEST FLAGLER STREET	SUITE 201			MIAMI	FL	33130	PPMCLAIMS@DRRT.COM	First Class Mail and Email
7916348	DRRT FBO MEAG MUNICH ERGO KAPITALANLAGEGESELLSCHAFT MBH	340 WEST FLAGLER STREET	SUITE 201			MIAMI	FL	33130	ppmclaims@drdt.com	First Class Mail and Email
7916697	DRRT FBO METZLER ASSET MANAGEMENT GMBH (F27)	340 WEST FLAGLER STREET	SUITE 201			MIAMI	FL	33130	PPMCLAIMS@DRRT.COM	First Class Mail and Email
7916479	DRRT FBO METZLER ASSET MANAGEMENT GMBH (K13)	340 WEST FLAGLER STREET	SUITE 201			MIAMI	FL	33130	PPMCLAIMS@DRRT.COM	First Class Mail and Email
7919441	Elliott Family Trust	Gary Elliott	33462 Palo Alto St.			Dana Point	CA	92629	garyelliott@cox.net	First Class Mail and Email
7894485	IRA - Louise S. Rohrkemper	6577 Clear Lake Rd.				Grass Lake	MI	49240	lrohrkemper@gmail.com	First Class Mail and Email
7920205	Jean Stacy Benites	2689 Anderson Lane				Sand Springs	OK	74063		First Class Mail
7902252	Joan M. Padia Trust 3/1/2003	120 Colusa Court				San Bruno	CA	94066-2535	padia@att.net	First Class Mail and Email
7777411	JOANN O MCCFADDEN TTEE	JOANN O MCCFADDEN TRUST DTD 6/16/96	24310 MOULTON PKWY STE 0-533			LAGUNA HILLS	CA	92637-3306		First Class Mail
7936778	KRITZMAN, ELLEN B.	10710 SW COWAN RD				VASHON	WA	98070	EKRITZMAN@CENTURYTEL.NET	First Class Mail and Email
7916844	Laborers' International Union of North America	Kate Lenn, CFO	905 16th Street, NW			Washington	DC	20006	klenn@liuna.org	First Class Mail and Email
7916844	Laborers' International Union of North America	Michael Barrett, Assoc General Counsel	905 16th Street, NW			Washington	DC	20006	mbarrett@liuna.org	First Class Mail and Email
7982687	Lake Avenue Funding EC XI LLC	231 Sansome Street, 4th Floor				San Francisco	CA	94104	filer@battea.com	First Class Mail and Email
7932172	Landmark Life Insurance Co.	Attn: Craig Collier, Treasurer	PO Box 40			Brownwood	TX	76804	ccollier@landmarklife.com	First Class Mail and Email
7932172	Landmark Life Insurance Co.	James Craig Collier	5750 County Road 225			Brownwood	TX	76801	ccollier@landmarklife.com	First Class Mail and Email

**Exhibit B**  
Fourth Securities Order Service List  
Served as set forth below

MMUID	NAME	ADDRESS1	ADDRESS2	ADDRESS3	ADDRESS4	CITY	STATE	POSTAL CODE	EMAIL	METHOD OF SERVICE
7938012	Lynch, Lynne M.	941 Spring Oak Way				Stockton	CA	93209	plynch941@yahoo.com	First Class Mail and Email
7920672	Malzone, Jean	378 Terhune Street				Teaneck	NJ	07666-2415	skipwarner16@gmail.com	First Class Mail and Email
7911945	Mass Mutual Premier Balanced Fund	Kizzy L. Jarashow, Esq.	Goodwin Procter LLP	The New York Times Building	620 Eighth Avenue	New York	NY	10018	kjarashow@goodwinlaw.com	First Class Mail and Email
7911945	Mass Mutual Premier Balanced Fund	Renee Hitchcock	Head of Mutual Fund Administration	Investments and Workplace Product	100 Bright Meadow Blvd, MIP 381	Enfield	CT	06082	rhitchcock@massmutual.com	First Class Mail and Email
7910131	MassMutual Premier Balanced Fund	Goodwin Procter LLP	Kizzy L. Jarashow, Esq.	The New York Times Building	620 Eighth Avenue	New York	NY	10018	kjarashow@goodwinlaw.com	First Class Mail and Email
7910131	MassMutual Premier Balanced Fund	Renée Hitchcock	Head of Mutual Fund Administration	Investments and Workplace Product	100 Bright Meadow Blvd., MIP 381	Enfield	CT	06082	rhitchcock@massmutual.com	First Class Mail and Email
7912375	MassMutual Premier Diversified Bond Fund	Goodwin Procter LLP	Kizzy L. Jarashow, Esq.	The New York Times Building	620 Eighth Avenue	New York	NY	10018	kjarashow@goodwinlaw.com	First Class Mail and Email
7912375	MassMutual Premier Diversified Bond Fund	Renée Hitchcock	Head of Mutual Fund Administration	Investments and Workplace Product	100 Bright Meadow Blvd. MIP 381	Enfield	CT	06082	rhitchcock@massmutual.com	First Class Mail and Email
7907991	MassMutual Premier Diversified Bond Fund	Renée Hitchcock, Head of Mutual Fund Admin.	Investments and Workplace Product	100 Bright Meadow Blvd., MIP 381		Enfield	CT	06082	rhitchcock@massmutual.com	First Class Mail and Email
7910109	Meiser, Donald E	46070 CR 207				Coshocton	OH	43812		First Class Mail
7469883	MELLO , BETTY	5607 STONEHAVEN DR				MARYSVILLE	CA	95901-8324	BFABULOUS10@OUTLOOK.COM	First Class Mail and Email
7867817	Mello, Betty Ann	5607 Stonehaven Drive				Marysville	CA	95901	bfabulous10@outlook.com	First Class Mail and Email
7341508	Moita, Jeffery Lee	2201 Shoreline Drive, Unit 2936				Alameda	CA	94501	jlmoita@hotmail.com	First Class Mail and Email
7932400	Montgomery, Kenneth	Raymond James cust Kenneth Montgomery	1209 W Hunt			McKinney	TX	75069		First Class Mail
7870758	Olson, Lawrence J.	141 11th Street				Seal Beach	CA	90740	larry_olson@verizon.net	First Class Mail and Email
7907167	Post, Brian	540 Calkins Rd				Peru	NY	12972	bdp418@hotmail.com	First Class Mail and Email
7916239	Principal Life Insurance Company, DBA Principal Largecap Value Separate Account	C/o Principal Global Investors, LLC	711 High Street			Des Moines	IA	50392-0800	epp.deb@principal.com; sorensen.sally@principal.com	First Class Mail and Email
7916734	Raymond James CSDN FBO Robert C. Lee IRA	2065 Thomasville Rd, Ste 201				Tallahassee	FL	32308		First Class Mail
7916734	Raymond James CSDN FBO Robert C. Lee IRA	Robert C. Lee	3073 White Ibis Way			Tallahassee	FL	32309		First Class Mail
7896564	Roberts, Dana E.	16732 Little Leaf Lane				Edmond	OK	73012	danaroberts1948@aol.com	First Class Mail and Email
7835282	Sarpy, Jr., Aaron L.	1042 Helios Ave				Metairie	LA	70005	aaron24@cox.net	First Class Mail and Email
7774408	Schueller, Eleanor B	8956 Spring Crest Dr.				Cleveland	OH	44144-1241	eschueller@peoplepc.com	First Class Mail and Email
7928848	Spott, Thomas	3601 Arapahoe Ave	Unit D406			Boulder	CO	80303	tom.spott@gmail.com	First Class Mail and Email
7937605	Sullivan, Paul D	501 Clark				Florissant	MO	63031		First Class Mail
7937337	Weber, Sherry	3601 Arapahoe Ave	Unit D406			Boulder	CO	80303	tom.spott@gmail.com	First Class Mail and Email
7823934	Willnow, Kim	Wade & Kimberly Willnow	P. O. Box 8072			Port Saint Lucie	FL	34985-8072	Willnow@htcplus.net	First Class Mail and Email
7860898	Zajdowicz, Michael J	6607 Drexel Avenue				Los Angeles	CA	90048	mjzla@mac.com	First Class Mail and Email

**Exhibit C**

Exhibit C  
Fifth Securities Order Service List  
Served as set forth below

MMLID	NAME	ADDRESS1	ADDRESS2	ADDRESS3	ADDRESS4	CITY	STATE	POSTAL CODE	COUNTRY	EMAIL	METHOD OF SERVICE
7915654	ABERDEEN STANDARD INVESTORS, FILING ON BEHALF OF CLIENT	BNP PARIBAS	555 CROTON RD			KING OF PRUSSIA	PA	19406		KOP_AMS_CORP@US.BNPPARIBAS.COM	Email and First Class Mail
7915654	ABERDEEN STANDARD INVESTORS, FILING ON BEHALF OF CLIENT	1735 MARKET STREET	32ND FLOOR			PHILADELPHIA	PA	19103		thomas.kohlenberg@aberdeensstandard.com	Email and First Class Mail
7923316	Air Canada Pension Master Trust Fund	Institutional Protection Services	Third Floor, 1-3 Staple Inn			London		WC1V7QH	United Kingdom	fyousuf@institutionalprotection.com	Email and First Class Mail
7961879	Albritton, Martha M.	110 Golden Bear Cove				Austin	TX	78738		malbritton16@gmail.com	Email and First Class Mail
7898845	Arkansas Teacher Retirement System	Attn: Rod Graves	1400 West Third St			Little Rock	AR	72201		rodg@artrs.gov	Email and First Class Mail
7919505	Arrowstreet Capital	231 Sansome Street, 4th Floor				San Francisco	CA	94104		filer@battea.com	Email and First Class Mail
7919505	Arrowstreet Capital	c/o Colleges of Applied Arts and Technology Pension Plan	250 Yonge Street, Suite 2900 P.O. Box 40			Toronto	ON	M5B 2L7	Canada		First Class Mail
7972689	C&C Trading, LLC	231 Sansome Street, 4th Floor				San Francisco	CA	94104		filer@battea.com	Email and First Class Mail
7918042	C&C Trading, LLC	Battea FBO	231 Sansome Street, 4th Floor			San Francisco	CA	94104		filer@battea.com	Email and First Class Mail
7918042	C&C Trading, LLC	c/o C & C Trading, LLC	71 Arch Street (1st Floor)			Greenwich	CT	06830			First Class Mail
7973245	CAAT Total Bond Consolidation	231 Sansome Street, 4th Floor				San Francisco	CA	94104		filer@battea.com	Email and First Class Mail
7911967	CANTERBURY, BETTY JANE	104 SOUTH BROOKS AVE				DELAND	FL	32720			First Class Mail
7906206	City of Palmetto Police Officers' Retirement Plan	c/o Kessler Topaz Meltzer & Check, LLP	280 King of Prussia Road			Radnor	PA	19087		Settlements@ktmc.com	Email and First Class Mail
7906206	City of Palmetto Police Officers' Retirement Plan	Attn: Amber LaRowe, Administrator	P.O. Box 1209			Palmetto	FL	34220			First Class Mail
7972200	Collins Alternative Solutions Fund	231 Sansome Street, 4th Floor				San Francisco	CA	94104		filer@battea.com	Email and First Class Mail
7930768	Copeland, Bret D.	P.O. Box 7				Saegertown	PA	16433		blcope@zoominternet.net	Email and First Class Mail
7899056	DAVID W SWIM TTEE	DAVID W SWIM REVOCABLE TRUST	DTD 07/22/2005	110 WASHINGTON AVE APT 2422		MIAMI BEACH	FL	33139-7239		DAVIDWSWIM@GMAIL.COM	Email and First Class Mail
7916689	Delos C. Ransorn Irrevocable Trust	Karen R. Bertram & Anna M. Cashman	Co - TTEES	705 2nd Ave. Ste. 800		Seattle	WA	98104		acashman@khbblaw.com	Email and First Class Mail
10413637	Dilip R Kelerar TTEE	7141 SVL Box		U/A DTD 08/06/1992		Victorville	CA	92395		dkelekar@aol.com	Email and First Class Mail
7950067	DRRT FBO AMPEGA INVESTMENT GMBH (37708)	340 WEST FLAGLER STREET	SUITE 201			MIAMI	FL	33130		PPMCLAIMS@DRRT.COM	Email and First Class Mail
7949084	DRRT FBO AMPEGA INVESTMENT GMBH (37809)	340 WEST FLAGLER STREET	SUITE 201			MIAMI	FL	33130		PPMCLAIMS@DRRT.COM	Email and First Class Mail
7916763	DRRT FBO ARCA FONDI SGR S.P.A.	340 WEST FLAGLER STREET	SUITE 201			MIAMI	FL	33130		PPMCLAIMS@DRRT.COM	Email and First Class Mail
7918602	DRRT FBO CREDIT SUISSE FUND MANAGEMENT S.A. (1918)	340 WEST FLAGLER STREET	SUITE 201			MIAMI	FL	33130		PPMCLAIMS@DRRT.COM	Email and First Class Mail
7918567	DRRT FBO DEKA INVESTMENT GMBH (476)	340 WEST FLAGLER STREET	SUITE 201			MIAMI	FL	33130		PPMCLAIMS@DRRT.COM	Email and First Class Mail
7907185	DRRT fbo Gerifonds SA	340 West Flagler Street	Suite 201			Miami	FL	33130		ppmclaims@drdt.com	Email and First Class Mail
7905247	DRRT FBO GERIFONDS SA	340 WEST FLAGLER STREET	SUITE 201			MIAMI	FL	33130		PPMCLAIMS@DRRT.COM	Email and First Class Mail
7913873	DRRT FBO GIAM GENERALI INSURANCE ASSET MANAGEMENT (4356)	340 WEST FLAGLER STREET	SUITE 201			MIAMI	FL	33130		PPMCLAIMS@DRRT.COM	Email and First Class Mail
7908254	DRRT FBO HELABA INVEST KAPITALANLAGEGESELLSCHAFT MBH (7145)	340 WEST FLAGLER STREET	SUITE 201			MIAMI	FL	33130		ppmclaims@drdt.com	Email and First Class Mail
7910589	DRRT FBO INTERNATIONALE KAPITALANLAGEGESELLSCHAFT MBH (ASF RU)	340 WEST FLAGLER STREET	SUITE 201			MIAMI	FL	33130		PPMCLAIMS@DRRT.COM	Email and First Class Mail
7917423	DRRT FBO METZLER ASSET MANAGEMENT GMBH (XEY)	340 WEST FLAGLER STREET	SUITE 201			MIAMI	FL	33130		PPMCLAIMS@DRRT.COM	Email and First Class Mail
7911427	DRRT FBO SWISS REINSURANCE COMPANY LTD(NYSA11)	340 WEST FLAGLER STREET	SUITE 201			MIAMI	FL	33130		PPMCLAIMS@DRRT.COM	Email and First Class Mail
7911671	DRRT FBO SWISS REINSURANCE COMPANY LTD(NYSA2X)	340 WEST FLAGLER STREET	SUITE 201			MIAMI	FL	33130		PPMCLAIMS@DRRT.COM	Email and First Class Mail
7912031	DRRT FBO SWISS REINSURANCE COMPANY LTD(ZF1209)	340 WEST FLAGLER STREET	SUITE 201			MIAMI	FL	33130		PPMCLAIMS@DRRT.COM	Email and First Class Mail
7912448	DRRT FBO SWISS REINSURANCE COMPANY LTD(ZF3A1G)	340 WEST FLAGLER STREET	SUITE 201			MIAMI	FL	33130		PPMCLAIMS@DRRT.COM	Email and First Class Mail
7913620	DRRT FBO UBS FUND MANAGEMENT (SWITZERLAND) AG(CH0805)	340 WEST FLAGLER STREET	SUITE 201			MIAMI	FL	33130		PPMCLAIMS@DRRT.COM	Email and First Class Mail
7935781	Duval, David	3846 Jaguar Ct.				The Villages	FL	32163		duvals151@gmail.com	Email and First Class Mail
7969454	Edgein, Elaine	933 S Church Street				Louisville	OH	44641-1841		elaineedgein@gmail.com	Email and First Class Mail
7973315	Employees Retirement System of the City of St. Louis	Battea FBO	231 Sansome Street, 4th Floor			San Francisco	CA	94104		filer@battea.com	Email and First Class Mail
7990310	Family Trust U/A 4th of Gerald M. Lieberman Grat	Morgan Stanley	Jacqueline M. Lukasik	1290 Avenue of the Americas, 12th Floor		New York	NY	10104		jacki.lukasik@morganstanley.com	Email and First Class Mail

Exhibit C  
Fifth Securities Order Service List  
Served as set forth below

MMLID	NAME	ADDRESS1	ADDRESS2	ADDRESS3	ADDRESS4	CITY	STATE	POSTAL CODE	COUNTRY	EMAIL	METHOD OF SERVICE
7990310	Family Trust U/A 4th of Gerald M. Lieberman Grat	10 Old Woods Drive				Harrison	NY	10528-2420		jerryliberman18@gmail.com	Email and First Class Mail
7868850	Fiengel, Regina L.	7439 Hurstbourne Green Dr				Charlotte	NC	28277		rfiengel@carolina.rr.com	Email and First Class Mail
7990529	Fishbach, Raphael	522 5th Ave, 11th Floor				New York	NY	10036		brynn.halfpenny@ms.com	Email and First Class Mail
7990529	Fishbach, Raphael	5 RED ROOF DRIVE				RYE BROOK	NY	10573-5522		brynn.halfpenny@ms.com	Email and First Class Mail
10551939	FND of the Methodist Home	304 Pierce Avenue				Macon	GA	31204		caroline@foundationmch.orh	Email and First Class Mail
10551939	FND of the Methodist Home	PO Box 2600				Macon	GA	31203			First Class Mail
7976303	Fortney, Walter	9263 Clark Circle				Twinsburg	OH	44087		fortney.kathy@yahoo.com	Email and First Class Mail
7945792	Galbreath, Ashford Allen	6462 Red Oak Drive				Troy	MI	48098		agal6reath8@comcast.net;	Email and First Class Mail
7937993	Gazze, Elaine M.	109 Johnson Rd.				Greensburg	PA	15601		Agalbreath8@comcast.net	Email and First Class Mail
7883473	Gelfond, Doris	482 Bay Tree Circle				Vernon Hills	IL	60061		egaz13@comcast.net	Email and First Class Mail
7980122	Gerald L. Wilson Inc	8524 Grand Palms Circle				Las Vegas	NV	89131		dag1225@gmail.com	Email and First Class Mail
7932875	Gildea, Kathleen	236 S. Highland Rd.				Springfield	PA	19064		jerrywilson333@cox.net	Email and First Class Mail
7910073	Gowdy, Robert	3009 Planters Walk Ct.				Charlotte	NC	28210		Kmgm124@gmail.com	Email and First Class Mail
7898655	Greene, Sandra S.	101 Elmwood Terrace				Greensboro	NC	27408		rgowdy49@gmail.com	Email and First Class Mail
8008649	Halmos, Peter	10000 Carrington Court				Cumberland	MD	21502		kmg@crlaw.com	Email and First Class Mail
7931987	Hemingway, Anne M	1409 S Shore Dr				Holland	MI	49423		aheming@comcast.net	First Class Mail
7931918	Henry R. Shapiro IRA, WFCS as Custodian	Henry R. Shapiro	4 Butternut Court			Dix Hills	NY	11746			Email and First Class Mail
8301080	Herrmann, Dennis Michael	963 Indian Lakes Blvd				Clarksville	OH	45113		hrscs@aol.com	Email and First Class Mail
7973133	Hipparchus Master Fund Ltd	Battea Class Action Services	231 Sansome Street, 4th Floor			San Francisco	CA	94104		sherrmann7@aol.com	Email and First Class Mail
7926736	Huckabay, Susan S.	2531 Lake Ridge Shores Cir.				Reno	NV	89519-5728		filer@battea.com	Email and First Class Mail
7918477	Institutional Long Duration Gov/Credit Conservative Bond Fd of the Prudential Trust Co. Master Commi	PGIM Inc.	Attn: Denise Taylor	P.O. Box 32339		Newark	NJ	07102		DAHRNV@AOL.COM	Email and First Class Mail
7921863	Invesco Comstock Fund of AIM Sector Funds (Invesco Sector Funds)	Attn: Legal Department	11 Greenway Plaza, Suite 1000			Houston	TX	77046		pimfi.class.actions@prudential.com;	Email and First Class Mail
7919295	Invesco Core Plus Fixed Income Trust of Institutional Retirement Trust	Attn: Legal Department (Invesco Core Plus Fixed Income Trust)	11 Greenway Plaza, Suite 1000			Houston	TX	77046		denise.m.taylor@pgim.com	Email and First Class Mail
7919651	Invesco Grp TST Jennison Int FD	Attn: Legal Department	11 Greenway Plaza, Suite 1000			Houston	TX	77046		hydparalegal@invesco.com;	Email and First Class Mail
7906992	James Hammill & Patricia Hammill	8 Sundance Ridge				Clancy	MT	59684-9509		jessica.renfro@invesco.com;	Email and First Class Mail
7909787	Janet I Hey IRA (WFCS Custodian Traditional IRA)	13425 13th St NW				Spicer	MN	56288		hydparalegal@invesco.com;	First Class Mail
8308639	Jeffereis, Renan	6409 204th Dr. NE				Redmond	WA	98053		jessica.renfro@invesco.com	Email and First Class Mail
7966842	John Eames Family Trust DBA Mitoyu LLC	PO Box 3339				Los Altos	CA	94024		westcentraladvisors@gmail.com	Email and First Class Mail
7910908	Judith Kiger - Merrill Lynch IRA	909 Cambridge Ave				Marion	OH	43302		renanj@outlook.com	Email and First Class Mail
11039645	Julia M Morrison Trust	32 Wallinwood Ave NE				Grand Rapids	MI	49503		hanshintiger1@gmail.com	First Class Mail
7907064	Kapitalforeningen Danske Invest Institutional Afdeling Global Equity Portfolio - Danske Capital	Parallelvej 17				Kongens Lyngby		2800	Denmark	julia2925@att.net	Email and First Class Mail
7907064	Kapitalforeningen Danske Invest Institutional Afdeling Global Equity Portfolio - Danske Capital	c/o Kessler Topaz Meltzer & Check, LLP	280 King of Prussia Road			Radnor	PA	19087		john.ohlsson@danskeinvest.com	Email and First Class Mail
7938485	Kenaley, Kevin L.	529 Stenning Drive				Hockessin	DE	19707		settlements@ktmc.com	Email and First Class Mail
7944097	Kenneth & Sharon Jones Rev Lvg Trust	3945 Oakview Dr				Beavercreek	OH	45430		KenaleyKL@gmail.com	Email and First Class Mail
7983614	Kenneth A. Mayer IRA Rollover	40 Carriage House Road				Bernardsville	NJ	07924-1203		nanirn@gmail.com	Email and First Class Mail
7982699	Lake Avenue Funding EC IV LLC	231 Sansome Street, 4th Floor				San Francisco	CA	94104		ken.mayer@morganstanley.com	Email and First Class Mail
7982683	Lake Avenue Funding EC V LLC	231 Sansome Street, 4th Floor				San Francisco	CA	94104		filer@battea.com	Email and First Class Mail
7982870	Lake Avenue Funding EC VII LLC	231 Sansome Street, 4th Floor				San Francisco	CA	94104		filer@battea.com	Email and First Class Mail
7982689	Lake Avenue Funding EC X LLC	231 Sansome Street, 4th Floor				San Francisco	CA	94104		FILER@BATTEA.COM	Email and First Class Mail
7982968	Lake Avenue Funding EC XI LLC	231 Sansome Street, 4th Floor				San Francisco	CA	94104		filer@battea.com	Email and First Class Mail
8301072	Laws, Janet	21 Kealaloa Ave #D				Makawao	HI	96768		filer@battea.com	Email and First Class Mail
7951910	Lederer, Bunny	1530 Palisade Avenue (Apt 4F)				Fort Lee	NJ	07024		southswell@hawaiiantel.net	Email and First Class Mail
7926212	Levine, Jeffrey A	42 Chanticleer Road				Sudbury	MA	01776		bunny.lederer@gmail.com	Email and First Class Mail
7973127	Magnetar Andromeda Select Master Fund Ltd	Battea Class Action Services	231 Sansome Street, 4th Floor			San Francisco	CA	94104		jallaw@verizon.net	Email and First Class Mail
7972438	Magnetar Capital Master Fund, Ltd	Battea FBO	231 Sansome Street, 4th Floor			San Francisco	CA	94104		filer@battea.com	Email and First Class Mail
7920847	Magnetar Capital Master Fund, Ltd	c/o Magnetar Capital, LLC	1603 Orrington Avenue	13th Floor		Evanston	IL	60201			First Class Mail
7973137	Magnetar Constellation Fund II, Ltd	Battea Class Action Services	231 Sansome Street, 4th Floor			San Francisco	CA	94104		filer@battea.com	Email and First Class Mail

Exhibit C  
Fifth Securities Order Service List  
Served as set forth below

MMLID	NAME	ADDRESS1	ADDRESS2	ADDRESS3	ADDRESS4	CITY	STATE	POSTAL CODE	COUNTRY	EMAIL	METHOD OF SERVICE
7972532	Magnetar Constellation Master Fund, Ltd	231 Sansome Street, 4th Floor				San Francisco	CA	94104		filer@battea.com	Email and First Class Mail
7970450	Magnetar SC Fund Ltd	Battea FBO	231 Sansome Street, 4th Floor			San Francisco	CA	94104		filer@battea.com	Email and First Class Mail
7972339	Magnetar Structured Credit Fund, LP	Battea FBO	231 Sansome Street, 4th Floor			San Francisco	CA	94104		filer@battea.com	Email and First Class Mail
7970436	Magnetar Xing He Master Fund Ltd	Battea FBO	231 Sansome Street, 4th Floor			San Francisco	CA	94104		filer@battea.com	Email and First Class Mail
7990551	Marks, Bradley	522 5th Ave, 11th Floor				New York	NY	10036		brynn.halfpenny@ms.com	Email and First Class Mail
7961294	Martin, Mary J	5174 Bostwick Rd				Perrysburg	OH	43551		gyusy62750@gmail.com	Email and First Class Mail
8295459	McCarville, Mark	2219 Central Park Ave				Evanston	IL	60201		m093@aol.com	Email and First Class Mail
7913333	Metz, Michael S	6210 SE 31st Ave				Portland	OR	97202		michaelsmetz@outlook.com	Email and First Class Mail
7972470	Morganfield Family Trust	Mark Morganfield	416 S. Royal St.			Alexandria	VA	22314		MARKMORGANFIELD@GMAIL.COM	Email and First Class Mail
7959780	MSSB C/F Carl Slotnick - IRA Standard	Carl Slotnick	7 Parkway Drive			Roslyn Heights	NY	11577		mslotn6481@aol.com	Email and First Class Mail
7937157	Myers, Rebecca	788 Gasteiger Rd				Meadville	PA	16335			First Class Mail
7916481	Nordea Generationsfond 80-Tal	c/o Kessler Topaz Meltzer & Check, LLP	280 King of Prussia Road			Radnor	PA	19087		Settlements@ktmc.com	Email and First Class Mail
7916481	Nordea Generationsfond 80-Tal	Nordea Funds Ltd	Keskuskatu 3 A, 8 krs.	FI-00020 NORDEA, Helsinki					Finland		First Class Mail
7985506	North Dakota State Investment Board	Financial Recovery Technologies	400 River's Edge Drive	Fourth Floor		Medford	MA	02155		ops@frtservices.com	Email and First Class Mail
7991268	Norton Friedman Non-QTip	401 E. Linton Blvd., Apt. 562				Delray Beach	FL	33483-5087		jacki.lukasik@morganstanley.com	Email and First Class Mail
7991268	Norton Friedman Non-QTip	Morgan Stanley	Jacqueline M. Lukasik	1290 Avenue of the Americas, 12th Floor		New York	NY	10104		jacki.lukasik@morganstanley.com	Email and First Class Mail
7937303	Pacifico, Agatha	578 Koeck Drive				Altoona	PA	16601			First Class Mail
9487825	Parisi, Mary Louise	1305 Cleveland Ave				Wyomissing	PA	19610			First Class Mail
7973441	PARTNERRE CO OF THE US - CORE EQUITY	BATTEA FBO	231 SANSOME STREET, 4TH FLOOR			SAN FRANCISCO	CA	94104		FILER@BATTEA.COM	Email and First Class Mail
7918067	PineBridge Global Dynamic Asset Allocation Fund- DAA	c/o Kessler Topaz Meltzer & Check, LLP	280 King of Prussia Road			Radnor	PA	19087		Settlements@ktmc.com	Email and First Class Mail
7918067	PineBridge Global Dynamic Asset Allocation Fund- DAA	78 Sir John Rogerson's Quay	Dublin 2			Dublin	Dublin	D02 HD32	Ireland		First Class Mail
8296407	Plutt, Deborah O	8452 Reedy Ridge Lane				Raleigh	NC	27613			First Class Mail
7915225	Principal Funds, Inc. - Global Opportunities Equity Hedged Fund	c/o Principal Global Investors, LLC	711 High Street			Des Moines	IA	50392-0800		epp.deb@principal.com; sorensen.sally@principal.com	Email and First Class Mail
7913533	Principal Funds, Inc. - Global Opportunities Fund	c/o Principal Global Investors, LLC	711 High Street			Des Moines	IA	50392-0800		epp.deb@principal.com; sorensen.sally@principal.com	Email and First Class Mail
7913339	Principal Global Investors Funds - Global Equity (Ex-Japan) Fund	c/o Principal Global Investors, LLC	711 High Street			Des Moines	IA	50392-0800		epp.deb@principal.com; sorensen.sally@principal.com	Email and First Class Mail
7912807	Principal Global Investors Funds - Global Equity Fund	c/o Principal Global Investors, LLC	711 High Street			Des Moines	IA	50392-0800		epp.deb@principal.com; sorensen.sally@principal.com	Email and First Class Mail
7916759	Principal Global Investors Funds - Long/Short Global Opportunities Equity Fund	c/o Principal Global Investors, LLC	711 High Street			Des Moines	IA	50392-0800		epp.deb@principal.com; sorensen.sally@principal.com	Email and First Class Mail
7913359	Principal Global Investors Trust - US High Quality FI Trust	c/o Principal Global Investors, LLC	711 High Street			Des Moines	IA	50392-0800		epp.deb@principal.com; sorensen.sally@principal.com	Email and First Class Mail
7916794	Principal Global Opportunities Equity Fund	c/o Principal Global Investors, LLC	711 High Street			Des Moines	IA	50392-0800		epp.deb@principal.com; sorensen.sally@principal.com	Email and First Class Mail
7915381	Principal Variable Contracts Funds, Inc. - Balanced Account	c/o Principal Global Investors, LLC	711 High Street			Des Moines	IA	50392-0800		epp.deb@principal.com; sorensen.sally@principal.com	Email and First Class Mail
7917136	Prudential Financial Inc. - Hirikata LLC - HIRAKATA	First Data/Remitco	Attention: Audrey Perez	Citibank, Lockbox # 7057	400 White Clay Center Drive	Newark	DE	19711		denise.m.taylor@pgim.com	Email and First Class Mail
7917136	Prudential Financial Inc. - Hirikata LLC - HIRAKATA	PGIM Inc.	Attn: Denise Taylor	P.O. Box 32339		Newark	NJ	07102		pimfi.class.actions@prudential.com	Email and First Class Mail
7983811	RESTO, MARIA V	1916 E JONATHAN ST				ALLENTOWN	PA	18109		MVRESTO58@GMAIL.COM	Email and First Class Mail
7990459	Robert William Spencer Hudson & Sharon Isaac	2511 Great Oaks Pkwy.				Austin	TX	78756		williamtherebel@gmail.com	Email and First Class Mail
7931426	Rose Rockey TTEE Rocky Rev. Trust	348 E. Avenue K8 Suite B				Lancaster	CA	93535		roser@progressioncorp.com	Email and First Class Mail
7978198	Scarnecchia, Susan J	70 Carriage House Ln				Wrentham	MA	02093		susan5083@aol.com	Email and First Class Mail
7937095	Shoup, Barbara J	4322 Kettle Rd				Altoona	PA	16601		bats91@atlanticbb.net	Email and First Class Mail
7970019	SOKOL, BARBARA	2787 38TH AVENUE				SAN FRANCISCO	CA	94116-2859		BSOKY@PACBELL.NET	Email and First Class Mail
7908398	SPP Pension & Forsakring AB	SPP Fonder AB	Vasagatan 10			Stockholm		105 39	Sweden	sam.backoffice@storebrand.no	Email and First Class Mail
7908398	SPP Pension & Forsakring AB	c/o Kessler Topaz Meltzer & Check, LLP	280 King of Prussia Road			Radnor	PA	19087		Settlements@ktmc.com	Email and First Class Mail
8012293	Steven E Field Trust	5611 Medina Ct SE				Grand Rapids	MI	49546		sfield@inradinc.com	Email and First Class Mail
10446063	Suzanne A. Weaver TTEE	150 New Oak Ridge Trl				Fayetteville	GA	30214			First Class Mail

Exhibit C  
Fifth Securities Order Service List  
Served as set forth below

MMLID	NAME	ADDRESS1	ADDRESS2	ADDRESS3	ADDRESS4	CITY	STATE	POSTAL CODE	COUNTRY	EMAIL	METHOD OF SERVICE
7990067	Taylor, Ronald S.	21732 43rd Dr SE				Bothell	WA	98021		windjammer_1982@hotmail.com	Email and First Class Mail
7909873	Terry Gene Pendleton Family Trust by Pamela Jean Pendleton Trustee	3 Kelvingate Court				Dallas	TX	75225-1825		pjppendleton@sbcglobal.net	Email and First Class Mail
7916970	The Prudential Insurance Company of America - Hartford Life & Annuity Comfort Trust-HARTANN	PGIM Inc.	Attn: Denise Taylor	P.O. Box 32339		Newark	NJ	07102		pimfi.class.actions@prudential.com; denise.m.taylor@pgim.com	Email and First Class Mail
7923456	The State General Reserve Fund	Institutional Protection Services	Third Floor, 1-3 Staple Inn			London		WC1V 7QH	United Kingdom	fyousuf@institutionprotection.com	Email and First Class Mail
7897743	Thomas J. Heins + Lisa C. Heins (Joint Acct)	7814 Twin Stream Dr.				Ellicott City	MD	21043		tlheins@comcast.net; lcheins17@gmail.com	Email and First Class Mail
7908187	Wayman, Naomi D	42 W North St.				Smyrna	DE	19977			First Class Mail
7915538	Wells Fargo Bank NA in its capacity as trustee and agent on fiduciary client accounts	Head Of Trust And Fiduciary	Joseph F Ready	Wells Fargo Bank NA	401 S Tryon St, Fl 20	Charlotte	NC	28202-1911		joseph.ready@wellsfargo.com	Email and First Class Mail
7915538	Wells Fargo Bank NA in its capacity as trustee and agent on fiduciary client accounts	Moustafa Shouman	550 South 4th St, 14th Fl			Minneapolis	MN	55415		moustafa.shouman@wellsfargo.com	Email and First Class Mail
7919970	XT USA Fund of Invesco Asset Management LTD	Attn: Legal Department	11 Greenway Plaza, Suite 1000			Houston	TX	77046		hydpalaregal@invesco.com; jessica.renfro@invesco.com	Email and First Class Mail